

Monthly Status – June 2020: Enhancement of Astronomy and Earth Science Teaching Using High Resolution Immersive Environments



Need(s) or Areas to Watch

- Continue to work on our collaborations.
- Waiting to hear about using Fiske planetarium in person. Working from home in the meantime.

Updates/Changes

- SOFIA Airborne Ambassador video completed.
- Two different scripts for MARS 2020 video tried on test audiences. Favored script adopted. Production begun.
- Met with Felix & Paul Studios. **They have a 360 degree camera on board the International Space Station!** They agreed to give us some footage for a first “short feature from space.”
- Learned that Felix & Paul sent a second camera up, to be used on a **spacewalk video in 360 degree**. We expect to use some of that in the future.

Look Ahead

Reduced expectation for number of shows will we produce in 2020. A prioritized list:

1. Mars 2020
2. GLOBE (including citizens taking data)
3. International Space Station

Cross-Collaboration Status

Met with GLOBE and planned how to get dozens of videos that Citizen Scientists take of themselves. We also will be shooting 360 degree time-lapse of clouds...

Have an interview planned with Vandi Verma, roboticist at JPL who works with Mars 2020.

JPL visualization lab OK's our use of their visualizations.